



IN THE UNITED STATES
PATENT AND TRADEMARK OFFICE

PATENT APPLICATION

Inventor(s): Jin-Meng Ho et al.
Docket No.: 2000-0397
Application No.: 09/617,083
Filing Date: 07/14/2000
Examiner Name: Steven Blount
Group Art Unit: 2661
Title: Virtual Streams for QoS-Driven Wireless LANS

RECEIVED

JUN 01 2004

Technology Center 2600

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SIR:

INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08A. Unless otherwise indicated herein, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

- ☐ 1. This information disclosure statement is being filed within three months of the filing date of a national application other than a continued prosecution application under §1.53(d); within three months of the date of the entry of the national stage as set forth in §1.491 in an international application; before the mailing of a first Office action on the merits; or before the mailing of a first Office action after the filing of a request for continued examination under §1.114. No certification or fee is required. (37 C.F.R. §1.97(b)).
- ☒ 2. This information disclosure statement is being filed more than three months after the filing date of a national application other than a continued prosecution application under §1.53(d); more than three months after the date of the entry of the national stage as set forth in §1.491 in an international application, after the mailing date of a first Office action on the merits, or after the mailing of a first Office action after the filing of a request for continued examination under §1.114, but before the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311 or an action that otherwise closes prosecution in the application. (37 C.F.R. §1.97(c)).

- ☐ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(1)).
- / ☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application and to my knowledge after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97 (e)(2)).
- ☒ c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and to ensure consideration of the disclosed information.
- ☐ 3. This information disclosure statement is being filed after the mailing date of any of a Final action under §1.113, a Notice of Allowance under §1.311, or an action which otherwise closes prosecution, whichever occurs first, but on or before payment of the Issue Fee. (37 C.F.R. §1.97(d)).
- ☐ a. I hereby certify that each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(1)).
- ☐ b. I hereby certify that no item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of this information disclosure statement. (37 C.F.R. §1.97(e)(2)).
- ☐ c. Please debit Deposit Account No. 01-2745 in the amount of \$180.00 to cover the fee under 37 C.F.R. §1.17(p) and ensure consideration of the disclosed information.

Respectfully,

Date:

5/20/04

AT&T CORP.

P.O. Box 4110

Middletown, New Jersey 07748-4110

By:

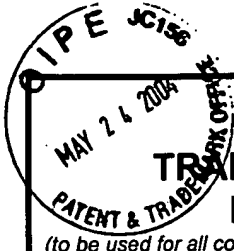


Robert T. Canavan, Attorney

Reg. No.: 37592

T: 908-707-1568

F: 908-707-1568

**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

| | | |
|------------------------|--------------------|------------------------|
| Application Number | 09/617,083 | # RS |
| Filing Date | 07/14/2000 | 6-15-04 12 |
| First Named Inventor | Jin-Meng Ho et al. | RECEIVED |
| Group Art Unit | 2661 | JUN 01 2004 |
| Examiner Name | Steven Blount | |
| Attorney Docket Number | 2000-0397 | Technology Center 2600 |

Total Number of Pages in this Submission

7 plus references

Enclosures (check all that apply)

- ☒ Fee Transmittal Form
☐ Fee Attached
☐ Amendment / Response
☐ After Final
☐ Affidavits / Declaration(s)
☐ Extension of Time Request
☐ Express Abandonment Request
☒ Information Disclosure Statement
☐ Certified Copy of Priority Document(s)
☐ Response to Missing Parts under 37 CFR 1.52 or 1.53
☐ Response to Missing Parts/Incomplete Application

- ☐ Assignment & Recordation Cover Sheet
☐ Drawing(s) & Letter to Official Draftsman
☐ Licensing-related Papers
☐ Petition to the Commissioner
☐ Petition to Convert a Provisional Application
☐ Power of Attorney, Revocation Change of Correspondence Address
☐ Terminal Disclaimer
☐ Request for Refund

- ☐ After Allowance Communication to Group
☐ Appeal Communications to Board of Appeals and Interferences
☐ Appeal Communications to Group (Appeal Notice, Brief, Reply Brief)
☐ Proprietary Information
☐ Status Letter
☒ Return Receipt Postcard
☐ CD, Number of CDs
☒ Additional enclosure(s) (please identify below)

copies of 2 cited references

Remarks Reference copies attached:
2 US patent refs**CORRESPONDENCE ADDRESS**☒ Customer Number or Bar Code Label

Customer Number - 26652

or ☐ Correspondence address below

| | | | | | |
|---------|--------------------------|-------|------------|----------|--------------|
| NAME | Samuel H. Dworetzky | | | | |
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| CITY | Middletown | STATE | New Jersey | ZIP CODE | 07748-4110 |
| COUNTRY | United States of America | | | FAX | 732-368-6932 |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

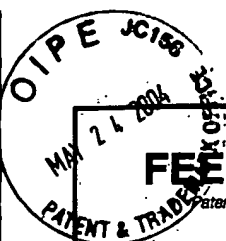
| | | | |
|-----------|-------------------|--------|------------|
| NAME | Robert T. Canavan | Reg. # | 37592 |
| TELEPHONE | 908-707-1568 | | |
| SIGNATURE | | DATE | 05/20/2004 |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date: 05/20/2004

| | | | |
|----------------------|-------------------|------|------------|
| Type or Printed Name | Robert T. Canavan | | |
| Signature | | Date | 05/20/2004 |

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

**FEE TRANSMITTAL**

Patent Fees are subject to annual revision.

Complete If Known

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JUN 01 2004

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**TOTAL AMOUNT
OF PAYMENT**

180

Application Number 09/617,083

Filing Date 07/14/2000

First Named Inventor Jin-Meng Ho et al.

Examiner Name Steven Blount

Group/Art Unit 2661

Attorney Docket No. 2000-0397

METHOD OF PAYMENT (check one)

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 01-2745

Deposit Account Name AT&T CORP.

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17☐ Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing Date of the Notice of Allowance**FEE CALCULATION****1. FILING FEE**

| Large Fee Code | Entity Fee(\$) | Fee Description | Fee Paid |
|----------------|----------------|--|----------|
| 1001 | 770 | Utility(37CFR 1.53(b)) / CPA(37CFR 1.53(d)) Filing Fee | |
| 1002 | 340 | Design Filing Fee | |
| 1004 | 770 | Reissue Filing Fee | |
| 1005 | 160 | Provisional Filing Fee | |

SUBTOTAL (1)**2. CLAIMS**☐ Filing Under 37CFR 1.53 (b)☐ CPA Under 37CFR 1.53 (d)☐ Amendment

| | Extra Claims | | Fee from below | | Fee Paid |
|----------|--------------|---|----------------|---|----------|
| Total 12 | - 20 = | 0 | X 18 | = | 0 |
| Ind. 2 | - 3 = | 0 | X 86 | = | 0 |

Multiple Dependent Claims

| Large Fee Code | Entity Fee(\$) | Fee Description |
|----------------|----------------|--|
| 1202 | 18 | Claims in excess of 20 |
| 1201 | 86 | Independent Claims in excess of 3 |
| 1203 | 290 | Multiple Dependent Claims |
| 1204 | 86 | ** Reissue independent claims over original patent |
| 1205 | 18 | ** Reissue claims in excess of 20 and over original patent |

** or number previously paid, if greater; for Reissues, see above

SUBTOTAL (2)**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

| Large Fee Code | Entity Fee(\$) | Fee Description | Fee Paid |
|----------------|----------------|--|----------|
| 1051 | 130 | Surcharge - late filing fee or oath | |
| 1052 | 50 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | Non-English specification | |
| 1812 | 2520 | For filing a request for reexamination | |
| 1804* | 920 | Requesting publication of SIR prior to Examiner action | |
| 1805* | 1840 | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | Extension for response within first month | |
| 1252 | 420 | Extension for response within second month | |
| 1253 | 950 | Extension for response within third month | |
| 1254 | 1480 | Extension for response within fourth month | |
| 1255 | 2010 | Extension for response within fifth month | |
| 1401 | 330 | Notice of Appeal | |
| 1402 | 330 | Filing a brief in support of an appeal | |
| 1403 | 290 | Request for oral hearing | |
| 1504 | 300 | Publication fee for early, voluntary, or normal publication | |
| 1452 | 110 | Petition to revive - unavoidable | |
| 1453 | 1330 | Petition to revive - unintentional | |
| 1501 | 1330 | Utility issue fee (or reissue) | |
| 1502 | 480 | Design issue fee | |
| 1460 | 130 | Petitions to the Commissioner (Request to Correct Inventorship) 37 CFR 1.48(a) | |
| 1807 | 50 | Processing fee for provisional applications | |
| 1806 | 180 | Submission of Information Disclosure Statement | 180 |
| 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | Request for Continued Examination (RCE) | |
| 1802 | 900 | Request for expedited exam of a design application | |

Other fee (specify):

SUBTOTAL (3)

180

SUBMITTED BY

Typed or Printed Name John E. Etchells

Signature

Date

5/20/04

Deposit Account User ID

Complete (if applicable)

Reg. Number